

ABSTRACT OF THE DISCLOSURE

The present invention relates to a cooling plate for use in the inner lining of metallurgical furnaces, especially smelting furnaces or shaft furnaces, and relates to a method for manufacturing a cooling plate. The cooling plate has a plate member, which is made of a copper material, and has integrated coolant channels. To manufacture the cooling plate, a raw ingot is provided, which is equipped with channels, and has a starting thickness that is greater than the final thickness of the plate member. The raw ingot is then deformed in a rolling step to reduce the starting thickness to the final thickness of the plate member and to deform the cross-sections of the channels. In this connection, the coolant channels obtain circularly oblong, final cross-sections.